Approved for use investign uses 12.50. Approved for use investign uses 12.50. Approved for use investign uses 12.50. Each and Trademank Office; U.S. DEPARTIMENT OF COMMERCE.

U.S. Patent and Trademank Office; U.S. DEPARTIMENT OF COMMERCE.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(Alex Form PTA.1197).

(Alex Form PTA.1197).

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page	4		4
		of	

PATENT NO. : 7,627,690 B2 APPLICATION NO.: 10/771,724

ISSUE DATE : December 1, 2009
INVENTOR(S) : Naofumi KOBAYASHI

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 27, line 57: "a number of indentified clients~and" should be changed to --a number of indentified clients, and--.

Column 28, lines 39-40: "comprising: Sending unit to send each copy of multicast data" should be changed to --comprising sending unit to send each copy of the multicast data--.

Column 29, lines 35-36: "stored in ... the forward management information," should be changed to --stored in the forward management information,--.

Column 30, line 1: "layer, the multicast data by changing to convert the" should be changed to --layer, to convert the--; line 14, "the second aver of each copy of" should be changed to --the second layer of each copy of--; line 26, "the multicast data based on of the forward" should be changed to --the multicast data based on the forward--; and line 40, "forwarding each of the pieces of transmission copy the" should be changed to --forwarding each copy of the--.

APPROVED: /D.E./

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Katten Muchin Rosenman LLP 575 Madison Avenue New York, NY 10022-2585

VA 22313-1450.

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPT) to process) an application. Confidentiality is governed by 35 U.S. C. 122 and 37 CFR 1.14. This collection is estimate to late 1.0 hours to complete, including gathering, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the annount of line you require to complete this form and/off sungapestions for reducing this burden, should be sent to the fiftermation Office. U.S. Patent and Trademark Office, U.S. Patent and Trademark Office, U.S. Patent and Trademark Office, O.S. Department of Commerce, P.O. Box 1450, Alexandria, V.A. 22313-1450, D.O. NOT SEND FEES SP OR 50.4 BLAZANDRIA.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended. pursuant to 5 U.S.C. 552a/m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S. C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.